

75-10154

CR142204

Organization:

Remote Sensing Institute  
South Dakota State University  
Brookings, South Dakota 57006

Title:

Monthly Report to National  
Aeronautics and Space  
Administration

Report type:

Monthly Progress Report  
January 1975

EREP Investigation Number:

S452

NASA Contract Number:

NAS 9-13337

Principal Investigator:

Victor I. Myers

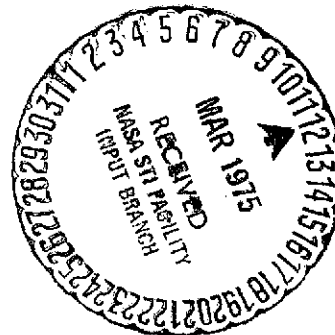
Date Submitted:

February 20, 1975

NASA Technical Monitor:

Clayton Forbes  
Operations Room  
Code TF6  
Johnson Space Center  
Houston, Texas 77058

(E75-10154) DEVELOP TECHNIQUES AND  
PROCEDURES, USING MULTISPECTRAL SYSTEMS, TO  
IDENTIFY FROM REMOTELY SENSED DATA THE  
PHYSICAL AND THERMAL CHARACTERISTICS OF  
PLANTS AND SOIL Monthly Progress (South  
G3/43 00154  
Unclas



### 3.0 Report of work as identified in Ex. A (SOW) --- Contract NAS 9-13337

#### 3.1 Progress Reports

##### a. Overall status ---

The programs were prepared to plot the radiance values from the S-191 sensor. Radiance versus wavelength were plotted for the various atmospheric path lengths obtained as the angle of the sensor changed. The data will be used to estimate the influence of the atmosphere on the radiance values.

##### b. Recommendations ---

None at this time.

##### c. Expected accomplishments ---

An abstract will be prepared for the Earth Resources Survey Symposium to be held June 8-13, 1975.

##### d. A readily.....results.....

None additional at this time.

##### e. Summary outlook ---

The ground-based ET assessments were conducted for seven different physical settings. The analysis will include a multistage approach for assessing ET of agricultural land.

##### f. Travel summary ---

None expected.



REMOTE SENSING INSTITUTE



SOUTH DAKOTA STATE UNIVERSITY

605/688-4184

BROOKINGS, SOUTH DAKOTA 57006

March 5, 1975

National Aeronautics and  
Space Administration  
Scientific and Technical  
Information Facility  
Code KS  
Washington, D.C. 20546

Ref: Contract NAS 9-13337

Gentlemen:

Enclosed please find one copy of the monthly progress report for the period ending February 1, 1975, for the Contract Number NAS 9-13337. If we can provide you with further copies, please contact us.

Sincerely yours,

A handwritten signature in cursive script, reading 'Victor I. Myers'.

Victor I. Myers  
Director

VIM/gfb

Enclosure